Multiplying Fractions

Complete each of the following.
Write each product in simplest form.

1. $\frac{2}{5} \times \frac{5}{7} = \frac{2 \times 5}{5 \times 7}$

2. $\frac{1}{4} \times \frac{2}{3} = \frac{\square \times 2}{4 \times 3}$

3. $\frac{2}{3} \times \frac{1}{2} = \frac{\square \times 1}{3 \times 2}$

$= \frac{\square}{\square}$ ▶ $\square$ $= \frac{\square}{\square}$ ▶ $\square$ $= \frac{\square}{\square}$ ▶ $\square$

Multiply. Write each product in simplest form.

4. $\frac{3}{4} \times \frac{1}{7} =$

5. $\frac{1}{5} \times \frac{2}{3} =$

6. $\frac{3}{4} \times \frac{2}{7} =$

7. $\frac{1}{3} \times \frac{2}{3} =$

8. $\frac{2}{3} \times \frac{4}{7} =$

9. $\frac{1}{6} \times \frac{4}{5} =$

10. $\frac{4}{5} \times \frac{7}{12} =$

11. $\frac{10}{13} \times \frac{5}{9} =$

12. $\frac{3}{8} \times \frac{12}{17} =$

13. $\frac{0}{8} \times \frac{2}{3} =$

14. $\frac{12}{13} \times \frac{2}{3} =$

15. $\frac{2}{3} \times \frac{9}{10} =$

16. $\frac{3}{5} \times \frac{5}{12} \times \frac{3}{4} =$

17. $\frac{3}{4} \times \frac{1}{3} \times \frac{1}{2} =$

18. $\frac{1}{3} \times \frac{5}{7} \times \frac{4}{5} =$

19. $\frac{5}{6} \times \frac{1}{2} \times \frac{9}{10} =$

20. $\frac{5}{6} \times \frac{5}{8} \times \frac{1}{4} =$

21. $\frac{1}{12} \times \frac{2}{3} \times \frac{3}{4} =$

22. $\frac{13}{27} \times \frac{9}{26} \times \frac{2}{3} =$

23. $\frac{5}{6} \times \frac{4}{7} \times \frac{14}{15} =$

Solve.

24. Connie makes 12 dozen cookies for a party. One-fourth of the cookies are chocolate. How many dozen are chocolate?

25. Jim delivered $\frac{2}{3}$ of the papers on his route before breakfast. If he has 63 customers, how many did he deliver before breakfast?